

PCT

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(54) Title: NOVEL VEGF-LIKE FACTORS

(54) 発明の名称 新規なVEGF様因子

(57) Abstract

A novel human gene having a significant homology with a VEGF-C gene which has been isolated by the PCR method with the use of primers designed on the basis of the sequence of EST assumed to be homologous with the C terminal part of VEGF-C which falls within the VEGF family; mouse and rat genes which have been isolated on the basis of the human gene isolated above; a protein encoded by the above-mentioned human gene which has been isolated by transferring the gene into *Escherichia coli* and expressing it therein. It is expected that the isolated protein and genes are applicable to, for example, gene therapy for VEGF-D gene coloboma, wound healing and the promotion of collateral vessel formation. Moreover, it is expected that VEGF-D protein inhibitors are usable as novel anticancer drugs, etc.